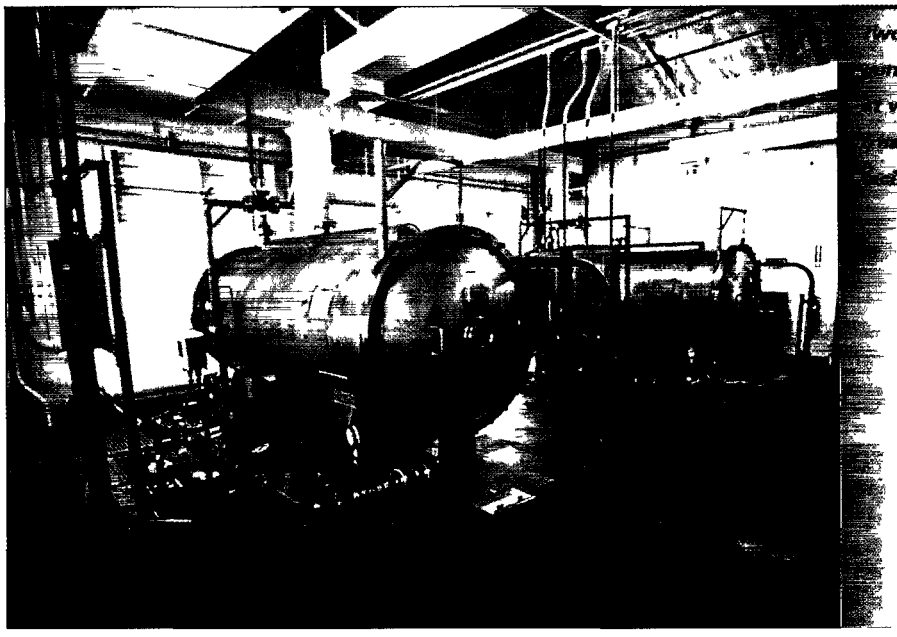
OZONE SYSTEMS TREAT WATER AND WASTEWATER, REDUCE CHEMICALS



Two ozone generators at water treatment facility.

Increased public concern for the environment and public health is leading more industries to seek new, effective alternatives for disinfection, oxidation and treatment of water and wastewater. To meet environmental concerns and strict federal and local regulations, industries are finding new methods of reducing, handling, and storing chemicals used in their treatment processes. Use of ozone for disinfection is helping many industries meet these environmental concerns.

Ozone water treatment has a history of proven applications in Europe and other parts of the world and is beginning to make a substantial entry into the US market for the purpose of disinfection, color and odor removal and final water polishing. Southern California Edison is at the forefront of this efficient, electric technology and can assist you with an ozone system for your facility. Read on to learn if this technology is the right solution to take your business into the new millennium.

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Utilize Ozonation for Improved Public Safety and Environmental Compliance

APPLICATIONS

Successful ozone applications include:

- Water and Wastewater Treatment Plants
- Color and Odor Control
- Industrial Wastewater
- Bottled and Beverage Water Disinfection
- Cooling Towers
- Swimming Pools and Spas
- Food Processing
- Flume Water Treatment
- Aquaculture
- Textile, Pulp and Paper Bleaching
- Groundwater
- Aquarium Water
- Oil Refinery Wastewater
- Ultrapure Water for Electronics Industry

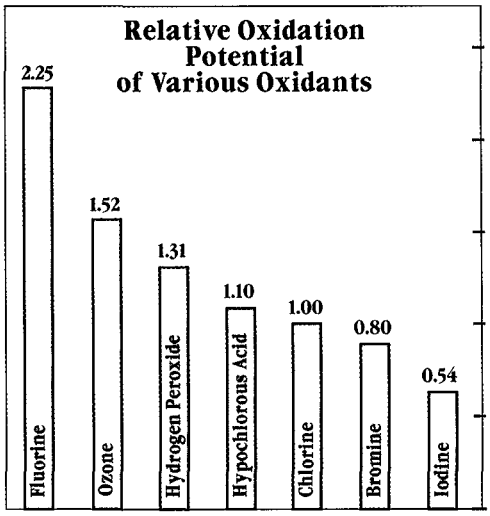
FOR MORE INFORMATION

about ozonation or other electric technologies, call your Southern California Edison account executive or (626) 812-7345.

(www.sce.com)

THE OZONATION PROCESS

Ozone is a powerful oxidizing agent that can be used in water and waste water treatment as well as industrial applications.



Ozone, which is produced on site, is a colorless gas with strong oxidizing properties (see chart). It is a powerful bactericide, viricide and bleaching agent. Ozone gas reverts to oxygen in a short period of time, making it environmentally-friendly.

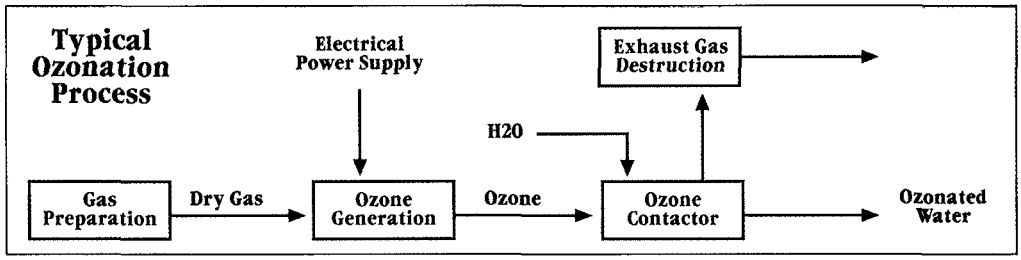
A typical ozonation process consists of four basic steps:

- Feed Gas Preparation - Cleaning, filtering and drying of gas (air or oxygen).
- Ozone Production - Dried oxygen or air is passed through electrodes, forming ozone.
- Contacting - Ozone is injected to bubble through the water.
- Ozone destruction - After injection, ozone off-gas is destroyed or recycled.

BENEFITS OF OZONATION

This effective water treatment technology provides substantial benefits including:

- Worker safety improved by eliminating storage and handling of chemicals.
- Effective water and wastewater treatment across a wide pH and temperature range.
- Reduction of chemicals normally added to the water being treated.



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